

§ 383.93 Endorsements.

(a) *General.* (1) In addition to passing the knowledge and skills tests described in subpart G of this part, all persons who operate or expect to operate the type(s) of motor vehicles described in paragraph (b) of this section must pass specialized tests to obtain each endorsement. The State shall issue CDL endorsements only to drivers who successfully complete the tests.

(2) The only endorsements allowed on a CLP are the following:

- (i) Passenger (P);
- (ii) School bus (S); and
- (iii) Tank vehicle (N).

(3) The State must use the codes listed in § 383.153 when placing endorsements on a CLP or CDL.

(b) *Endorsement descriptions.* An operator must obtain State-issued endorsements to his/her CDL to operate commercial motor vehicles which are:

- (1) Double/triple trailers;
- (2) Passenger vehicles;
- (3) Tank vehicles;
- (4) Used to transport hazardous materials as defined in § 383.5, or
- (5) School buses.

(c) *Endorsement testing requirements.* The following tests are required for the endorsements contained in paragraph (b) of this section:

- (1) *Double/Triple Trailers*—a knowledge test;
- (2) *Passenger*—a knowledge and a skills test;
- (3) *Tank vehicle*—a knowledge test;
- (4) *Hazardous Materials*—a knowledge test; and
- (5) *School bus*—a knowledge and a skills test.

[53 FR 27651, July 21, 1988, as amended at 67 FR 49760, July 31, 2002; 68 FR 23850, May 5, 2003; 76 FR 26887, May 9, 2011]

§ 383.95 Restrictions.

(a) *Air brake.* (1) If an applicant either fails the air brake component of the knowledge test, or performs the skills test in a vehicle not equipped with air brakes, the State must indicate on the CLP or CDL, if issued, that the person is restricted from operating a CMV equipped with any type of air brakes.

(2) For the purposes of the skills test and the restriction, air brakes include

any braking system operating fully or partially on the air brake principle.

(b) *Full air brake.* (1) If an applicant performs the skills test in a vehicle equipped with air over hydraulic brakes, the State must indicate on the CDL, if issued, that the person is restricted from operating a CMV equipped with any braking system operating fully on the air brake principle.

(2) For the purposes of the skills test and the restriction, air over hydraulic brakes includes any braking system operating partially on the air brake and partially on the hydraulic brake principle.

(c) *Manual transmission.* (1) If an applicant performs the skills test in a vehicle equipped with an automatic transmission, the State must indicate on the CDL, if issued, that the person is restricted from operating a CMV equipped with a manual transmission.

(2) For the purposes of the skills test and the restriction, an automatic transmission includes any transmission other than a manual transmission as defined in § 383.5.

(d) *Tractor-trailer.* If an applicant performs the skills test in a combination vehicle for a Group A CDL with the power unit and towed unit connected with a pintle hook or other non-fifth wheel connection, the State must indicate on the CDL, if issued, that the person is restricted from operating a tractor-trailer combination connected by a fifth wheel that requires a Group A CDL.

(e) *Group A passenger vehicle.* If an applicant applying for a passenger endorsement performs the skills test in a passenger vehicle requiring a Group B CDL, the State must indicate on the CDL, if issued, that the person is restricted from operating a passenger vehicle requiring a Group A CDL.

(f) *Group A and B passenger vehicle.* If an applicant applying for a passenger endorsement performs the skills test in a passenger vehicle requiring a Group C CDL, the State must indicate on the CDL, if issued, that the person is restricted from operating a passenger vehicle requiring a Group A or B CDL.

(g) *Medical variance restrictions.* If the State is notified according to § 383.73(o)(3) that the driver has been issued a medical variance, the State

must indicate the existence of such a medical variance on the CDLIS driver record and the CDL document, if issued, using the restriction code “V” to indicate there is information about a medical variance on the CDLIS driver record.

NOTE: In accordance with the agreement between Canada and the United States (see footnote to §391.41 of this chapter), drivers with a medical variance restriction code on their CDL are restricted from operating a CMV in the other country.

[76 FR 26887, May 9, 2011]

Subpart G—Required Knowledge and Skills

SOURCE: 53 FR 27654, July 21, 1988, unless otherwise noted.

§ 383.110 General requirement.

All drivers of CMVs must have the knowledge and skills necessary to operate a CMV safely as contained in this subpart. The specific types of items that a State must include in the knowledge and skills tests that it administers to CDL applicants are included in this subpart.

[76 FR 26888, May 9, 2011]

§ 383.111 Required knowledge.

(a) All CMV operators must have knowledge of the following 20 general areas:

(1) *Safe operations regulations.* Driver-related elements of the regulations contained in parts 391, 392, 393, 395, 396, and 397 of this subchapter, such as:

- (i) Motor vehicle inspection, repair, and maintenance requirements;
- (ii) Procedures for safe vehicle operations;
- (iii) The effects of fatigue, poor vision, hearing impairment, and general health upon safe commercial motor vehicle operation;
- (iv) The types of motor vehicles and cargoes subject to the requirements contained in part 397 of this subchapter; and
- (v) The effects of alcohol and drug use upon safe commercial motor vehicle operations.

(2) *Safe vehicle control systems.* The purpose and function of the controls

and instruments commonly found on CMVs.

(3) *CMV safety control systems.* (i) Proper use of the motor vehicle’s safety system, including lights, horns, side and rear-view mirrors, proper mirror adjustments, fire extinguishers, symptoms of improper operation revealed through instruments, motor vehicle operation characteristics, and diagnosing malfunctions.

(ii) CMV drivers must have knowledge of the correct procedures needed to use these safety systems in an emergency situation, e.g., skids and loss of brakes.

(4) *Basic control.* The proper procedures for performing various basic maneuvers, including:

- (i) Starting, warming up, and shutting down the engine;
- (ii) Putting the vehicle in motion and stopping;
- (iii) Backing in a straight line; and
- (iv) Turning the vehicle, e.g., basic rules, off tracking, right/left turns and right curves.

(5) *Shifting.* The basic shifting rules and terms for common transmissions, including:

- (i) Key elements of shifting, e.g., controls, when to shift, and double clutching;
- (ii) Shift patterns and procedures; and
- (iii) Consequences of improper shifting.

(6) *Backing.* The procedures and rules for various backing maneuvers, including:

- (i) Backing principles and rules; and
- (ii) Basic backing maneuvers, e.g., straight-line backing, and backing on a curved path.

(7) *Visual search.* The importance of proper visual search, and proper visual search methods, including:

- (i) Seeing ahead and to the sides;
- (ii) Use of mirrors; and
- (iii) Seeing to the rear.

(8) *Communication.* The principles and procedures for proper communications and the hazards of failure to signal properly, including:

- (i) Signaling intent, e.g., signaling when changing direction in traffic;
- (ii) Communicating presence, e.g., using horn or lights to signal presence; and